

Addendum for

**SPILL CONTINGENCY PLAN  
HACKETT RIVER  
EXPLORATION PROJECT**

**- Temporary Camps -**

**SABINA GOLD & SILVER CORP.  
March 24, 2010**

**NOTES:**

The Hackett River Project maintains a Spill Contingency Plan that is reviewed on a regular basis on-site to ensure best management and response practices are implemented. The latest version submitted to the NWB for review was in September 2009 and includes spill response measures at the Hackett Camp and at drill site locations.

The amendment to the water license to include the use of water and waste deposition associated with temporary camps is not changing the exploration program, personnel, materials and supplies. It is anticipated that the temporary camps will have similar fuel, chemicals and personnel as the Hackett River camp. For this reason, Sabina will apply the actions in the current Hackett Spill Contingency Plan to the temporary camp.

The following Spill Response Action Plan will be made available to personnel at each temporary camp with the current Hackett River Spill Contingency Plan. Training, reporting and response details are as presented in the Hackett River Spill Contingency Plan.

## Fuel spill action plan

### Priority 1 – Identify spill source and assess hazard

- Ensure safety of all people in the area.
- Find the source, type and extent of spill
- Assess hazards from the spill
- Check for fire and explosion risk:
  - Extinguish all ignition sources in the area
  - Move machinery only if safe to do so or shut down if necessary
  - Isolate all live equipment to prevent sparks and enforce no smoking by site personnel
- Raise alarm and close off affected area

### Priority 2 – Stop flow of spill

- Ensure that any necessary safety equipment is worn
- Stop flow at source of spill
- Leak containment requires the planned use of absorbent pads, drip buckets, drip pans, or impermeable geomembrane secondary containment berms to catch any slow or unexpected leaks.
- Larger spills require attempts to limit the spread of the spill. Prevent movement using sorbent material, berms to form a barrier
- If the spill occurs on ice, attempts should be made to stop the spill from reaching ice-free ground.

### Priority 3 – Notify Hackett Camp Manager (HCM) and Hackett Project Manager (HPM)

- Notify the HCM and HPM as soon as possible after ensuring the safety of all personnel and attempting to stop the flow and limit spread. Provide as much information as possible about the source, material, amount, fire risk, injuries etc.
- HCM and HPM will report spill to Nu/NWT Spill Reporting Line, notify Sabina headquarters contacts and ensure any further notifications are made depending on the type and extent of spill.

### Priority 4 – Spill Containment

- For all spills, use absorbents to contain and soak up the fuel
- Prevent spread of fuel by using booms and berms
- It may be possible to contain the fuel using absorbent materials or by building small berms and dams
- Response operations should not be commenced in the affected area until it is safe.

## Procedures in the event of a fuel spill

### Priority 5 – Spill Recovery and Cleanup

If the spill has been successfully contained then spill clean-up can start

The HCM is to monitor spill clean-up and coordinate clean-up operations

The HPM is to complete the Spill Report form and submit to authorities and Sabina headquarter contacts (using Spill Report Form)

- Recover as much fuel as possible
- If possible pump directly into 205L drums. Ensure that the drums are in good shape and available near the spill site
- Absorbent pads should be spread on any remaining fuel that cannot be pumped or manually removed
- Fuel soaked absorbents must be picked up and placed in plastic bags or 205L empty drums
- Contaminated snow can be stored in 205L drums with tops removed. Allow snow to melt and decant off fuel.
- Any drums containing a mixture of fuel and snow or water are likely to freeze. To prevent drums from splitting use only drums in good condition and do not fill to top.
- Drums contained recovered fuel or water, used absorbents should be stored in secondary containment areas.
- Disposal should be by approved methods and facilities as per HCM instructions.

### Notes:

- As much fuel as possible should be removed immediately after the spill. The use of dispersants and burning at the site is not allowed, and a large scale cleanup operation may cause more environmental damage than the fuel itself.
- The health and safety of personnel is the first priority in the case of a fuel spill. Emergency spill response actions should not be undertaken in extreme weather conditions or during periods of darkness, unless the situation has been fully assessed by the CM and PM
- Personnel should ensure they are aware of the location and content of the spill kits
- Spill Response Classification:
  - Minor spills – less than 10L – easily contained
  - Moderate spills – less than 600 L – contain and clean-up by on-site personnel
  - Major spills – more than 1000L – cannot be contained on-site and will require external assistance to clean-up.

## CONTACT INFORMATION

Sabina Silver Corporation  
601 Squier St.  
Thunder Bay, Ontario  
P7B 4A7  
Tel: (807) 345-8278  
Fax: (807) 343-0232

Sabina Silver Corporation  
930 West 1st Street, Suite 202  
North Vancouver, British Columbia  
V7P 3N4  
Tel: (604) 998-4175  
Fax: (604) 998-1051

Name, title and 24 hour contact number for the person or persons responsible for activating the spill plan. These people have the authority to activate the spill plan and to call in additional support.

1. Peter Manojlovic - Chief Geologist
2. Scott Burgess - Operations Manager
3. Julian Karas (alternate Operations Manager)

Hackett River Camp office ph: (604) 677 – 0669  
Hackett River Camp alternate ph: (604) 677 – 0670  
Hackett River Camp fax: (604) 759 – 6018  
Vancouver Office phone (604) 998 – 4175 or 888-648-4218  
Thunder Bay Office phone: (807) 345 – 8278  
Cellular phone (S Burgess): (807) 251 – 3335  
pmanojlovic@sabinagoldsilver.com  
sburgess@sabinagoldsilver.com

Nunavut/NWT 24 hour spill line at **(867) 920 – 8130, or Fax: (867) 873-6924.**  
DIAND Water Resources Inspector at **(867) 975 – 4295.**



# NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE

TEL: (867) 920-8130

FAX: (867) 873-6924

EMAIL: spills@gov.nt.ca

REPORT LINE USE ONLY

A	REPORT DATE: MONTH - DAY - YEAR		REPORT TIME		<input type="checkbox"/> ORIGINAL SPILL REPORT, OR <input type="checkbox"/> UPDATE # _____ TO THE ORIGINAL SPILL REPORT		REPORT NUMBER _____			
B	OCCURRENCE DATE: MONTH - DAY - YEAR		OCCURRENCE TIME							
C	LAND USE PERMIT NUMBER (IF APPLICABLE)			WATER LICENCE NUMBER (IF APPLICABLE)						
D	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCATION				REGION <input type="checkbox"/> NWT <input type="checkbox"/> NUNAVUT <input type="checkbox"/> ADJACENT JURISDICTION OR OCEAN					
E	LATITUDE DEGREES                      MINUTES                      SECONDS			LONGITUDE DEGREES                      MINUTES                      SECONDS						
F	RESPONSIBLE PARTY OR VESSEL NAME			RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION						
G	ANY CONTRACTOR INVOLVED			CONTRACTOR ADDRESS OR OFFICE LOCATION						
H	PRODUCT SPILLED			QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES		U.N. NUMBER				
	SECOND PRODUCT SPILLED (IF APPLICABLE)			QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES		U.N. NUMBER				
I	SPILL SOURCE			SPILL CAUSE		AREA OF CONTAMINATION IN SQUARE METRES				
J	FACTORS AFFECTING SPILL OR RECOVERY			DESCRIBE ANY ASSISTANCE REQUIRED		HAZARDS TO PERSONS, PROPERTY OR EQUIPMENT				
K	ADDITIONAL INFORMATION, COMMENTS, ACTIONS PROPOSED OR TAKEN TO CONTAIN, RECOVER OR DISPOSE OF SPILLED PRODUCT AND CONTAMINATED MATERIALS									
L	REPORTED TO SPILL LINE BY		POSITION		EMPLOYER		LOCATION CALLING FROM		TELEPHONE	
M	ANY ALTERNATE CONTACT		POSITION		EMPLOYER		ALTERNATE CONTACT LOCATION		ALTERNATE TELEPHONE	
REPORT LINE USE ONLY										
N	RECEIVED AT SPILL LINE BY		POSITION STATION OPERATOR		EMPLOYER		LOCATION CALLED YELLOWKNIFE, NT		REPORT LINE NUMBER (867) 920-8130	
LEAD AGENCY <input type="checkbox"/> EC <input type="checkbox"/> CCG <input type="checkbox"/> GNWT <input type="checkbox"/> GN <input type="checkbox"/> ILA <input type="checkbox"/> INAC <input type="checkbox"/> NEB <input type="checkbox"/> TC					SIGNIFICANCE <input type="checkbox"/> MINOR <input type="checkbox"/> MAJOR <input type="checkbox"/> UNKNOWN			FILE STATUS <input type="checkbox"/> OPEN <input type="checkbox"/> CLOSED		
AGENCY			CONTACT NAME			CONTACT TIME		REMARKS		
LEAD AGENCY										
FIRST SUPPORT AGENCY										
SECOND SUPPORT AGENCY										
THIRD SUPPORT AGENCY										

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